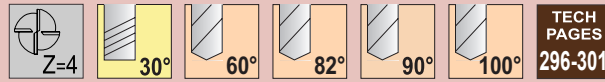


**TOLERANCES**

<i>d1</i>	+0.000° -0.002" (+.000 / -.050mm)
<i>d2</i>	h6



**Drill/End Mill**

**TiAlN Coating**

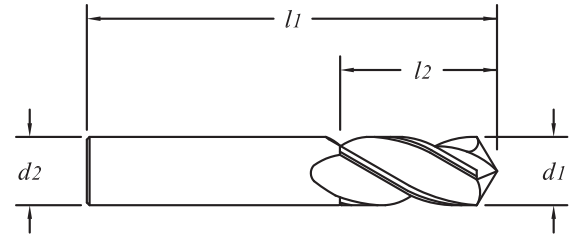
Solid submicron grain carbide

Included angle to a point - center cutting

Tools do not have drill point geometry

Extremely versatile

Point tolerance ±0°30'



60° EDP#	82° EDP#	90° EDP#	100° EDP#	<i>d1</i> † Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	1-11	12-24	25-49	50-100	
				Decimal	Metric								
-	-	58205	-	.1181	3.000	3.0	38	12	14.33	13.71	13.08	12.46	
-	58346	58207	-	.1250	1/8"	3.175	1/8"	1-1/2"	1/2"	13.77	13.17	12.57	11.97
-	58348	58209	58388	.1575		4.000	4.0	50	14	18.06	17.27	16.49	15.70
-	58350	58217	58390	.1875	3/16"	4.763	3/16"	2"	5/8"	17.32	16.57	15.81	15.06
-	-	58219	-	.1969		5.000	5.0	65	16	24.09	23.05	22.00	20.95
58314	58354	58221	58394	.2362		6.000	6.0	65	19	24.56	23.50	22.43	21.36
58316	58356	58227	58396	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	23.62	22.59	21.57	20.54
58318	58358	58237	58398	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	32.02	30.62	29.23	27.84
58320	-	58239	58400	.3150		8.000	8.0	65	22	33.21	31.77	30.32	28.88
58322	58362	58247	58402	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	37.39	35.76	34.14	32.51
58324	58364	58249	58404	.3937		10.000	10.0	70	25	45.14	43.18	41.21	39.25
58326	58366	58257	-	.4375	7/16"	11.113	7/16"	2-3/4"	1"	45.21	43.24	41.28	39.31
58328	-	58259	58408	.4724		12.000	12.0	75	25	66.47	63.58	60.69	57.80
58330	58370	58267	58410	.5000	1/2"	12.700	1/2"	3"	1"	63.77	61.00	58.22	55.45
58332	58372	58277	58412	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	101.52	97.11	92.69	88.28
-	58374	58279	-	.6299		16.000	16.0	88	32	105.94	101.33	96.73	92.12
58336	58376	58287	58416	.7500	3/4"	19.050	3/4"	4"	1-1/2"	145.59	139.26	132.93	126.60
-	58378	58289	-	.7874		20.000	20.0	100	38	206.05	197.09	188.13	179.17

MATERIAL HARDNESS (Rc)

70

35

0